





FIG. 2

rem	-oo	-OV	-Q	-UN	-0	+0	+UN	+Q	+OV	+oo	NaN
-oo	(a)	(b)	(c)	(d)	(e)	(e)	(d)	(c)	(b)	(a)	(f)
-OV	(g)	(h)	(i)	(j)	(k)	(k)	(j)	(i)	(h)	(g)	(l)
-P	-P	(m)	(n)	(o)	(p)	(p)	(o)	(n)	(m)	-P	(q)
-UN	-UN	(r)	-UN	(o)	(s)	(s)	(o)	-UN	(r)	-UN	(t)
-0	-0	(m)	-0	(o)	(p)	(p)	(o)	-0	(m)	-0	(q)
+0	+0	(m)	+0	(o)	(p)	(p)	(o)	+0	(m)	+0	(q)
+UN	+UN	(r)	+UN	(o)	(s)	(s)	(o)	+UN	(r)	+UN	(t)
+P	+P	(m)	(n)	(o)	(p)	(p)	(o)	(n)	(m)	+P	(q)
+OV	(g)	(h)	(h)	(i)	(j)	(j)	(i)	(h)	(h)	(g)	(l)
+oo	(a)	(b)	(c)	(d)	(e)	(e)	(d)	(c)	(b)	(a)	(f)
NaN	(u)	(v)	(w)	(x)	(w)	(w)	(x)	(w)	(v)	(u)	(y)

FIG. 3

10	[NaN]	10	[NaN]	1	0	001	10000	0000	11	00000	[sign(op1)	NaN	op1	fl f2]		
--10----	[NaN]	--10----	[NaN]	0	*	0	001	01000	0000	11	00000	[sign(op1)	NaN	op2	fl f2]	
--11----	[Inf]	--11----	[Inf]	-	*	0	001	10000	0000	11	00000	[sign(op1)	NaN	op1	fl f2]	
--10----	[NaN]	--10----	[NaN]	-	*	0	001	10000	0000	11	00000	[sign(op1)	NaN	op1	fl ox]	
--10----	[NaN]	--10----	[NaN]	-	*	0	001	10000	0000	10	00000	[sign(op1)	NaN	op1	fl]	
--10----	[NaN]	--10----	[NaN]	-	*	0	001	10000	0000	10	00101	[sign(op1)	NaN	op1	fl ux]	
--10----	[NaN]	--10----	[NaN]	-	*	0	001	10000	0000	10	00000	[sign(op1)	NaN	op1	fl]	
--11----	[Inf]	--11----	[Inf]	-	*	0	001	01000	0000	11	00000	[sign(op1)	NaN	op2	fl f2]	
--11----	[Inf]	--11----	[Inf]	-	*	0	001	00001	0100	11	10000	[sign(op1)	"Inf	rem"	fl f2 n]	
--11----	[Inf]	--11----	[Inf]	-	*	0	001	00001	0111	10	11001	[sign(op1)	"Inf	rem	OV"	fl nox]
--11----	[Inf]	--11----	[Inf]	-	*	0	001	00001	0100	10	10000	[sign(op1)	"Inf	rem"	fl n]	
--11----	[Inf]	--11----	[Inf]	-	*	0	001	00001	0110	10	10101	[sign(op1)	"Inf	rem	UN"	fl nux]
--11----	[Inf]	--11----	[Inf]	-	*	0	001	00001	0101	10	10000	[sign(op1)	"Inf	rem	0"	fl n]
-1-----1-	[OV_]	-1-----1-	[OV_]	-	*	0	001	00001	1011	00	11001	[sign(op1)	NaN	op2	f2 ox]	
-1-----1-	[OV_]	-1-----1-	[OV_]	-	*	0	001	00001	1011	00	11001	[sign(op1)	expt(op1)	op1	fl]	
-1-----1-	[OV_]	-1-----1-	[OV_]	-	*	0	001	00001	1010	00	11101	[sign(op1)	"OV	rem	OV"	nox]
-1-----1-	[OV_]	-1-----1-	[OV_]	-	*	0	001	00001	1000	00	11001	[sign(op1)	"OV	rem"	nox]	
-1-----1-	[OV_]	-1-----1-	[OV_]	-	*	0	001	00001	1010	00	11101	[sign(op1)	"OV	rem	UN"	nox]
-1-----1-	[OV_]	-1-----1-	[OV_]	-	*	0	001	00001	1001	00	11001	[sign(op1)	"OV	rem	0"	nox]
-----1	[P_]	-----1	[P_]	-	*	0	001	01000	0000	01	01001	[sign(op1)	NaN	op2	f2]	
-----1	[P_]	-----1	[P_]	-	*	0	100	10000	0000	10	00000	[sign(op1)	expt(op1)	op1	fl]	
-----1	[P_]	-----1	[P_]	-	*	0	001	00001	0011	00	11001	[sign(op1)	"rem	OV"	nox]	
-----1	[P_]	-----1	[P_]	-	*	1	000	00000	0000	00	00000	[IEEE 754 remainder]				
-----1	[P_]	-----1	[P_]	-	*	0	001	00001	0010	00	10101	[sign(op1)	"rem	UN"	nux]	
-----1	[P_]	-----1	[P_]	-	*	0	001	00001	0001	00	10000	[sign(op1)	"rem	0"	n]	
1-----1--	[UN_]	1-----1--	[UN_]	-	*	0	001	01000	0000	01	00101	[sign(op1)	NaN	op2	f2 ux]	
1-----1--	[UN_]	1-----1--	[UN_]	-	*	0	010	00100	0000	00	00001	[sign(op1)	UN]			
1-----1--	[UN_]	1-----1--	[UN_]	-	*	0	001	00001	0011	00	11101	[sign(op1)	"rem	OV"	nox]	
1-----1--	[UN_]	1-----1--	[UN_]	-	*	0	010	00010	0000	00	00001	[sign(op1)	UN]			
1-----1--	[UN_]	1-----1--	[UN_]	-	*	0	001	00001	0010	00	10101	[sign(op1)	"rem	UN"	nux]	
1-----1--	[UN_]	1-----1--	[UN_]	-	*	0	001	00001	0001	00	10101	[sign(op1)	"rem	0"	nux]	
1-----1--	[0_]	1-----1--	[0_]	-	*	0	001	01000	0000	01	00000	[sign(op1)	NaN	op2	f2]	
1-----1--	[0_]	1-----1--	[0_]	-	*	0	010	00100	0000	00	00000	[sign(op1)	0]			
1-----1--	[0_]	1-----1--	[0_]	-	*	0	001	00001	0011	00	11001	[sign(op1)	"rem	OV"	nox]	
1-----1--	[0_]	1-----1--	[0_]	-	*	0	010	00010	0000	00	00000	[sign(op1)	0]			
1-----1--	[0_]	1-----1--	[0_]	-	*	0	001	00001	0010	00	10101	[sign(op1)	"rem	UN"	nux]	
1-----1--	[0_]	1-----1--	[0_]	-	*	0	001	00001	0001	00	10000	[sign(op1)	"rem	0"	n]	

FIG. 4